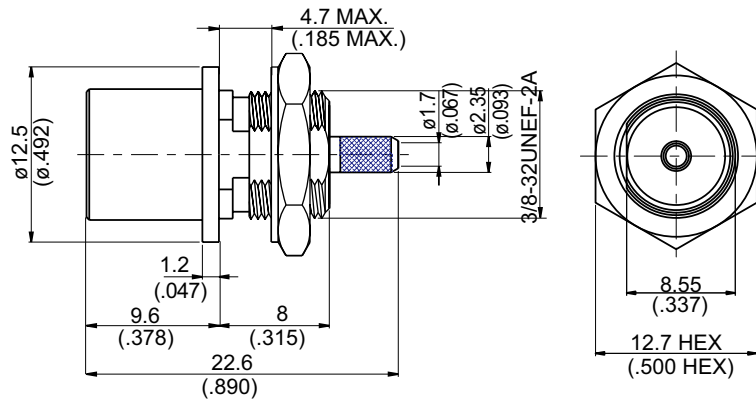
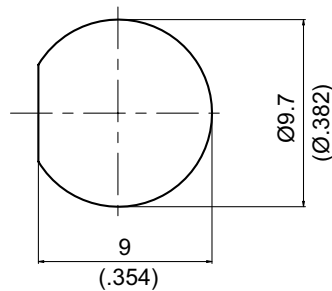


FME3105W-L100

FME Plug Crimp Bulkhead **50Ω**
For JBY100,LMR100; 480MHz VSWR 1.2



MOUNTING HOLE



Parts	Material	Plating(Micro-inch)
Hex Nut	Brass	Tin-Zinc-Copper-Alloy 100 over Copper 50
Lock Washer	Brass	Tin-Zinc-Copper-Alloy 100 over Copper 50
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 over Copper 50
Contact Pin	Brass	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 over Copper 50

Suitable Cables:JBY100

This part number complies with RoHS.

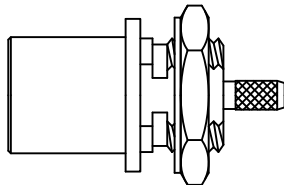
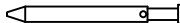
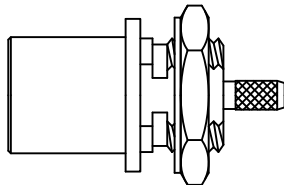
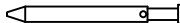
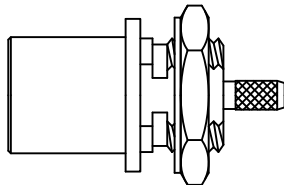
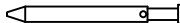
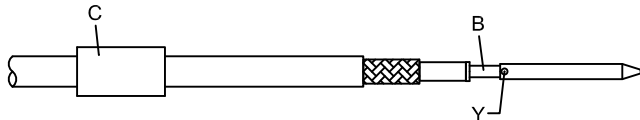
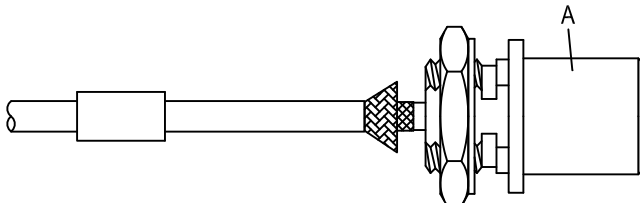
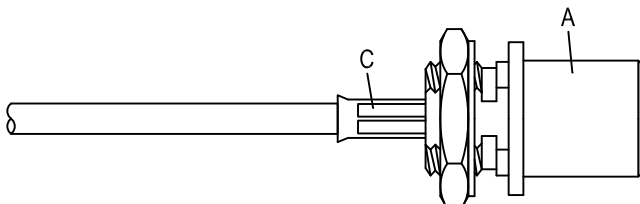
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

FME	FME3105W-L100
Electrical Data Impedance 50Ω Frequency range DC to 480MHz VSWR ≤ 1.2 (DC to 480MHz) Insertion loss ≤ 0.1dB (at 1GHz) Insulation resistance ≥ 5000MΩ Contact resistance inner conductor ≤ 10mΩ Contact resistance outer conductor ≤ 5mΩ Dielectric withstanding voltage (at sea level) 1000 V rms Working Voltage (at sea level) 500 V rms	
Mechanical Data Coupling torque ≤ 17.7 inch lbs Durability (mating) ≥ 500	
Environmental Data Temperature range -55°C to +125°C Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant	
Tooling Crimping tool CRT-1 or CRT-2 Crimp insert INSERT-A	

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

FME3105W-L100		DATE	2015/03/10	REV	—									
<table><tr><td>A</td><td>B</td><td>C</td></tr><tr><td></td><td></td><td></td></tr><tr><td>BODY</td><td>CONTACT PIN</td><td>FERRULE</td></tr></table>						A	B	C				BODY	CONTACT PIN	FERRULE
A	B	C												
														
BODY	CONTACT PIN	FERRULE												
DIAGRAM			ASSEMBLY INSTRUCTION											
			Step 1: STRIP AS SHOWN.											
			Step 2: SLIDE FERRULE " C " OVER CABLE. Step 3: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".											
			Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.											
			Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 3.3mm/0.130inch HEX SECTION OF INSERT-A)											
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.														
APPROVED		CHECKED		DRAWING										
				Albert										

FME3105W-L100

